

Lecture Questions: Acid Pollution

These questions are all taken from chapter 6 (about acid deposition). Note that our class lectures will be about the broader topic of acid pollution, including acid mine drainage, the effects of acid pollution, and acid neutralization.

1. What is an acid? What is a base?
2. Explain the pH scale of acidity.
3. What is the definition of acid deposition?
4. What are *acid anhydrides*?
5. Explain in detail how the emission of (a) SO₂ or (b) NO_x creates acid deposition.
6. Compare the main activities that release SO₂ and NO_x into the air.
7. Describe the cause and extent of *ocean acidification*. Why should we be concerned about it?
8. What is *acid mine drainage*?